



Eastern Interconnection Planning Collaborative



NEWS RELEASE

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Contact: David Whiteley

d.a.whiteley@att.net

314-753-6200

Eastern Interconnection Grid Planning Collaborative Completes Study of Gas-Electric Interface

The Eastern Interconnection Planning Collaborative (EIPC) today announced it has completed a Gas-Electric System Interface Study as part of a major planning effort funded by the U.S. Department of Energy.

“The EIPC has completed its analyses of the interface between the electric transmission system and the natural gas delivery system,” said Stephen G. Whitley, president and CEO of the New York Independent System Operator and chair of the EIPC Executive Committee. He added, “The study provides a comprehensive analysis across the study region of the adequacy of the natural gas pipeline delivery system to meet the needs of gas-fired electric generation system under various conditions over a 10-year horizon.”

The study region encompasses the territories of six electric system planning authorities that sponsored the study: the Independent Electricity System Operator of Ontario; ISO New England, Inc.; Midcontinent Independent Transmission System Operator, Inc.; New York Independent System Operator, Inc.; PJM Interconnection; and the Tennessee Valley Authority.

Levitan & Associates, Inc. led the technical analyses for the study. Included in the study is an identification of constraints on the natural gas pipeline system as well as many local gas distribution systems that may affect the delivery of gas to specific generators both prior to and following a variety of postulated gas and electric system contingencies. In addition, the study describes mitigation measures that may be considered by gas and electric system operators to alleviate the impacts on the electric system under such conditions. Taken as a whole, the results of the study provide a wealth of information for consideration by the regional planning authorities, state and federal regulators, and regional stakeholders.

The effort to analyze the interface between the natural gas delivery system and the electric transmission system supplements earlier work undertaken for the U.S. Department of Energy to analyze the outlook for the Eastern Interconnection-wide transmission system under various future energy policy options. The Gas-Electric Study

analyzes the expected natural gas pipeline infrastructure and electric transmission system development for the 2018 and 2023 summer and winter timeframes.

The report from the Gas-Electric Study is posted on the EIPC website at: http://www.eipconline.com/Phase_II_Documents.html.

About the EIPC

Formed under an agreement by 21 planning authorities from the Eastern United States and Canada, the EIPC has developed a “bottom-up” approach, starting with a roll-up of the existing grid expansion plans of electric system planning authorities in the Eastern Interconnection. The EIPC membership includes Alcoa Power Generating, Inc.; Duke Energy Carolinas, Duke Energy Florida, and Duke Energy Progress; Louisville Gas & Electric Company and Kentucky Utilities Company; Florida Power & Light Company; Georgia Transmission Corporation (An Electric Membership Corporation); Independent Electricity System Operator of Ontario; ISO New England, Inc.; JEA; Mid-Continent Area Power Pool, by and through its agent, MAPPCOR; Midcontinent Independent Transmission System Operator, Inc.; Municipal Electric Authority of Georgia; New York Independent System Operator, Inc.; PJM Interconnection; PowerSouth Energy Cooperative; South Carolina Electric & Gas Company; South Carolina Public Service Authority; Southern Company Services Inc., as agent for Alabama Power Company, Georgia Power Company, Gulf Power Company, and Mississippi Power Company; Southwest Power Pool, Inc.; and the Tennessee Valley Authority.

Six planning authority members of EIPC sponsored the Gas-Electric System Interface Study, which formed the Study Region. Those planning authorities include the Independent Electricity System Operator of Ontario; ISO New England, Inc.; Midcontinent Independent Transmission System Operator, Inc.; New York Independent System Operator, Inc.; PJM Interconnection; and the Tennessee Valley Authority.

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